

CONNECTICUT  
DEPARTMENT  
OF  
TRANSPORTATION



CONDITION INSPECTION  
FOR THE  
SPRINGDALE STATION

GENERAL RECOMMENDATION 3

**CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION**

INSPECTION RATING SCALE

*The following rating scale is used for inspections:*

- 1- Totally deteriorated, or in failed condition.
- 2- Serious deterioration, or not functioning as originally designed.
- 3- Minor deterioration, but functioning as originally designed.
- 4- New condition. No deterioration.
- 5- Not applicable.
- 6- Condition and/or existence unknown.



STATION: Springdale  
LINE: New Canaan  
INSPECTION DATE: 1/29/02  
INSPECTION AGENCY / FIRM: UA  
INSPECTORS: RGW, SS  
WEATHER: Sunny, 40's

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 2 OF 27

### PARKING ELEMENTS

#### QUADRANT # I

TYPE OF SURFACE: asphalt x PAVED; \_\_\_\_\_ GRAVEL; \_\_\_\_\_ DIRT;  
\_\_\_\_\_ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 3

CONDITION OF STRIPING: 3

CONDITION OF BASIN / DRAINS / ETC: 5  
( FOR LOCATION SEE SHEET: \_\_\_\_\_ )

SIGNAGE: 3

FENCE AND GUARDRAIL: 2

LANDSCAPE: 3

SIDEWALK: 3

CURB: 3

#### QUADRANT # II

TYPE OF SURFACE: asphalt x PAVED; \_\_\_\_\_ GRAVEL; \_\_\_\_\_ DIRT;  
\_\_\_\_\_ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 3

CONDITION OF BASIN / DRAINS / ETC: 3  
( FOR LOCATION SEE SHEET: \_\_\_\_\_ )

SIGNAGE: 2

FENCE AND GUARDRAIL: 2

LANDSCAPE: 3

SIDEWALK: 3

CURB : 3

STATION: Springdale  
LINE: New Canaan  
INSPECTION DATE: 1/29/02  
INSPECTION AGENCY / FIRM: UA  
INSPECTORS: RGW, SS  
WEATHER: Sunny, 40's

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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**PARKING ELEMENTS**

**QUADRANT # III**

TYPE OF SURFACE: aspahalt x PAVED; \_\_\_\_\_ GRAVEL; \_\_\_\_\_ DIRT;  
\_\_\_\_\_ OTHER (DESCRIBE)

CONDITION OF PAVED SURFACE: 2

CONDITION OF STRIPING: 3

CONDITION OF BASIN / DRAINS / ETC: 3  
( FOR LOCATION SEE SHEET: \_\_\_\_\_ )

SIGNAGE: 3

FENCE AND GUARDRAIL: 2

LANDSCAPE: 3

SIDEWALK: 3

CURB: 3

STATION: Springdale  
 LINE: New Haven-New Canaan Branch  
 INSPECTION DATE : January 8, 2002  
 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff  
 INSPECTORS: Jim Connell & Dave Lang  
 TIME OF INSPECTION: A.M.  
 WEATHER: Clear & Cool

CONN. DEPT OF TRANSPORTATION  
 STATION INSPECTION REPORT  
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**PLATFORM --- LIGHTING**

Span Number	Fixture Type	Manufacturer	Model Number	Rating	Support Condition	Estimated Age/Life(y/y)	Visual Condition
all	HID-MH	Holophane w/ Prescolite pole	unknown	3	3	15/ 20	minor deterioration

Remarks: A typical section of the platform was measured at the location indicated and found to average 7.45 fc.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**PLATFORM --- LIGHTING LEVELS (fc)**

TRACKS---{

see remarks	see remarks	avg 7.45	see remarks	see remarks	see remarks
NORTHBOUND/SOUTHBOUND PLATFORM					

STATION: Springdale  
 LINE: New Haven-New Canaan Branch  
 INSPECTION DATE : January 8, 2002  
 INSPECTION AGENCY / FIRM: Parsons Brinckerhoff  
 INSPECTORS: Jim Connell & Dave Lang  
 TIME OF INSPECTION: A.M.  
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CONN. DEPT OF TRANSPORTATION  
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**PLATFORM --- SERVICE**

Voltage Rating (V)	120/240	Type of 3 phase connection		Delta	n/a	Wye	n/a
		Method of Entrance		Overhead	n/a	Underground	X
Rating of Main Breaker (A)	unknown	Origin of Service		Pole	X	Transformer	n/a
		Code Compliant		Yes	X	No	n/a
Quantity of Phases	1	Pole Number & Street	? Co 12972 * Hope St	Wire Sizes	unknown		

Remarks: We were unable to gain access to the electrical service enclosure to verify the size and condition of the main circuit breaker and panelboard.

\* The exact serial number could not be determined.

**PLATFORM --- ELECTRICAL SYSTEMS**

Electrical Device	Manufacturer	Model Number	Rating	Location	Estimated Age/Life(y/y)	Visual Condition
Main Distribution Panel	unknown	unknown	unknown	platform	unknown	unknown
Main Disconnect Switch	n/a	n/a	n/a	n/a	n/a	n/a
Transformer	n/a	n/a	n/a	n/a	n/a	n/a
Receptacles	unknown	unknown	3	platform	15/ 20	minor deterioration
Grounding	unknown	unknown	unknown	unknown	unknown	unknown
Lighting Controls	unknown	unknown	unknown	unknown	unknown	unknown
Public Telephone	unknown	n/a	n/a	parking lot	unknown	operational
Station Telephone	n/a	n/a	n/a	n/a	n/a	n/a

Remarks: We found one receptacle that was not properly mounted and should be repaired.

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STATION: Springdale

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 6 OF 27

INSPECTORS: Jim Connell & Dave Lang

DATE: January 8, 2002

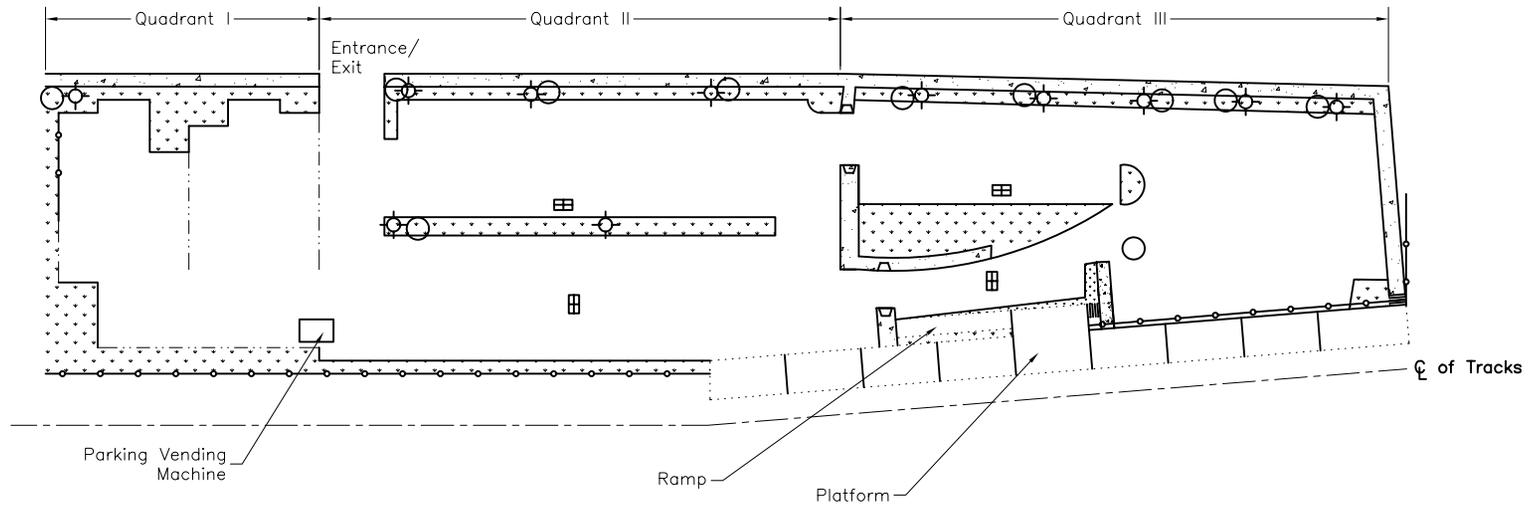
**STATION PLATFORM --- ELECTRICAL AND LIGHTING SUMMARY**

The electrical service is underground and terminates in a locked pedestal type electrical cabinet located on the platform and inside a small shelter type structure. This cabinet houses the electrical meter and the main panelboard. We were unable to gain access to this cabinet to verify the exact size and condition of the main panel. However, the cabinet has only minor deterioration and appears to be protecting the electrical equipment from harm.

There are several non-GFCI type receptacles located in the platform light poles that do not comply with the current NEC. We suggest that the receptacles be replaced with GFCI type to reduce the risk of electric shock when in use.

The platform luminaires are pole mounted metal halide and produce an average of 7.45 foot-candles. This value exceeds the recommended practice suggested by the IESNA.

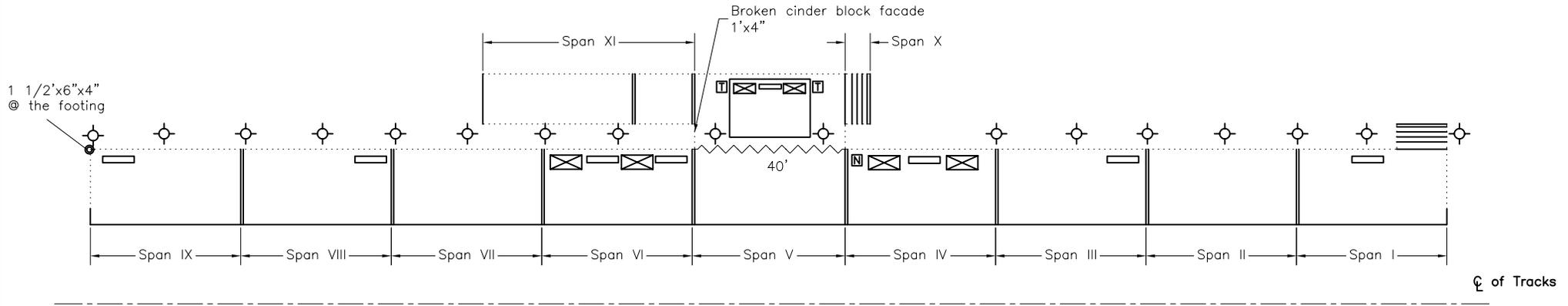




Legend:

- Fence
- Guard Railing
- Pedestrian Railing
- Grass
- Sidewalk
- Sanitary Manhole
- Drain
- Ramp
- Light

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Springdale Station General Plan
Date: 2-27-02



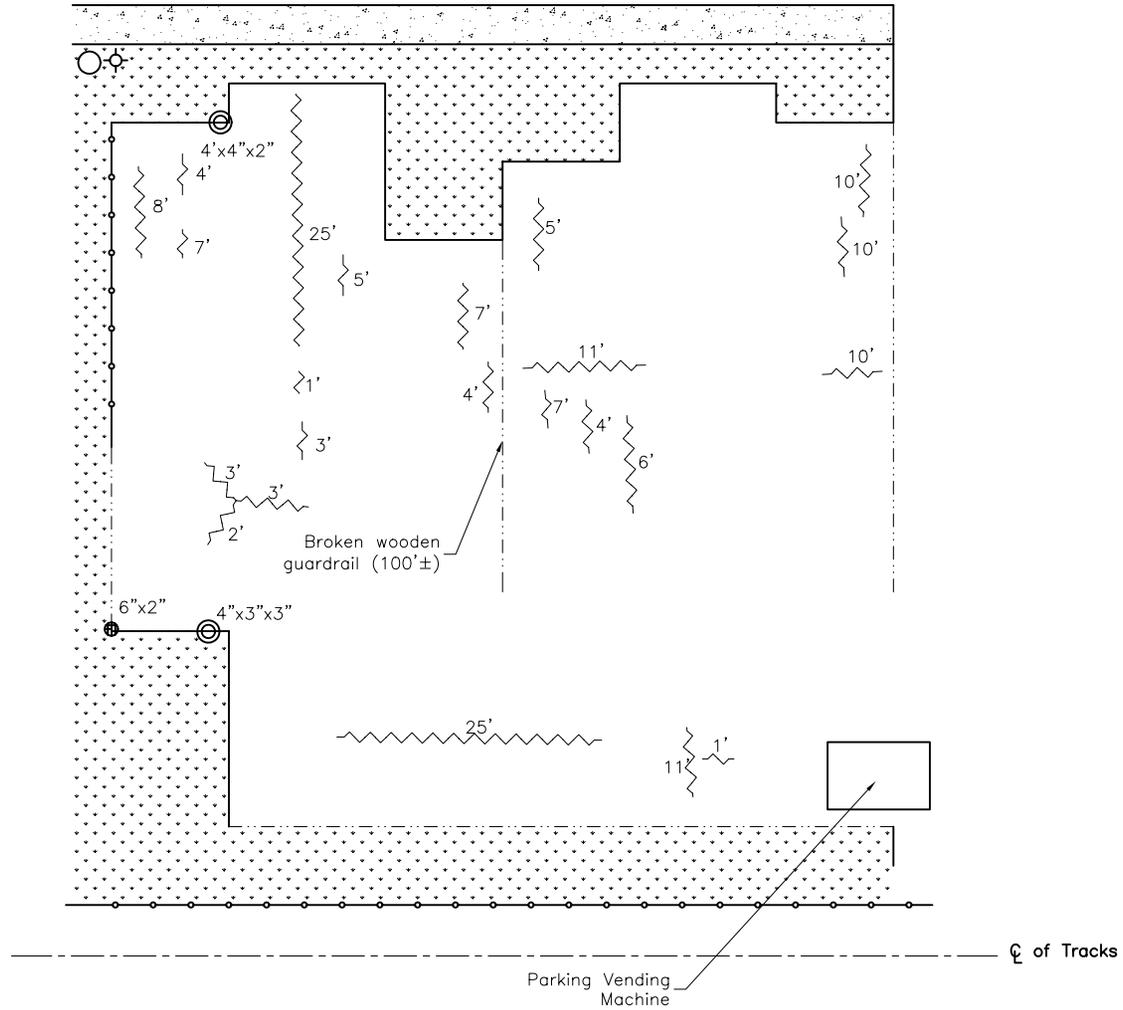
Legend:

- Fence
- Pedestrian Railing
- Cracks
- Spalled area
- Joint
- Sign
- Bench
- Trash
- Newspaper
- Light

NOTES:

1. The base plates below the double tee are rusted and deteriorated.
2. Along the platform the railing is bent in multiple locations.
3. The railing base plates are rusted and deteriorated.

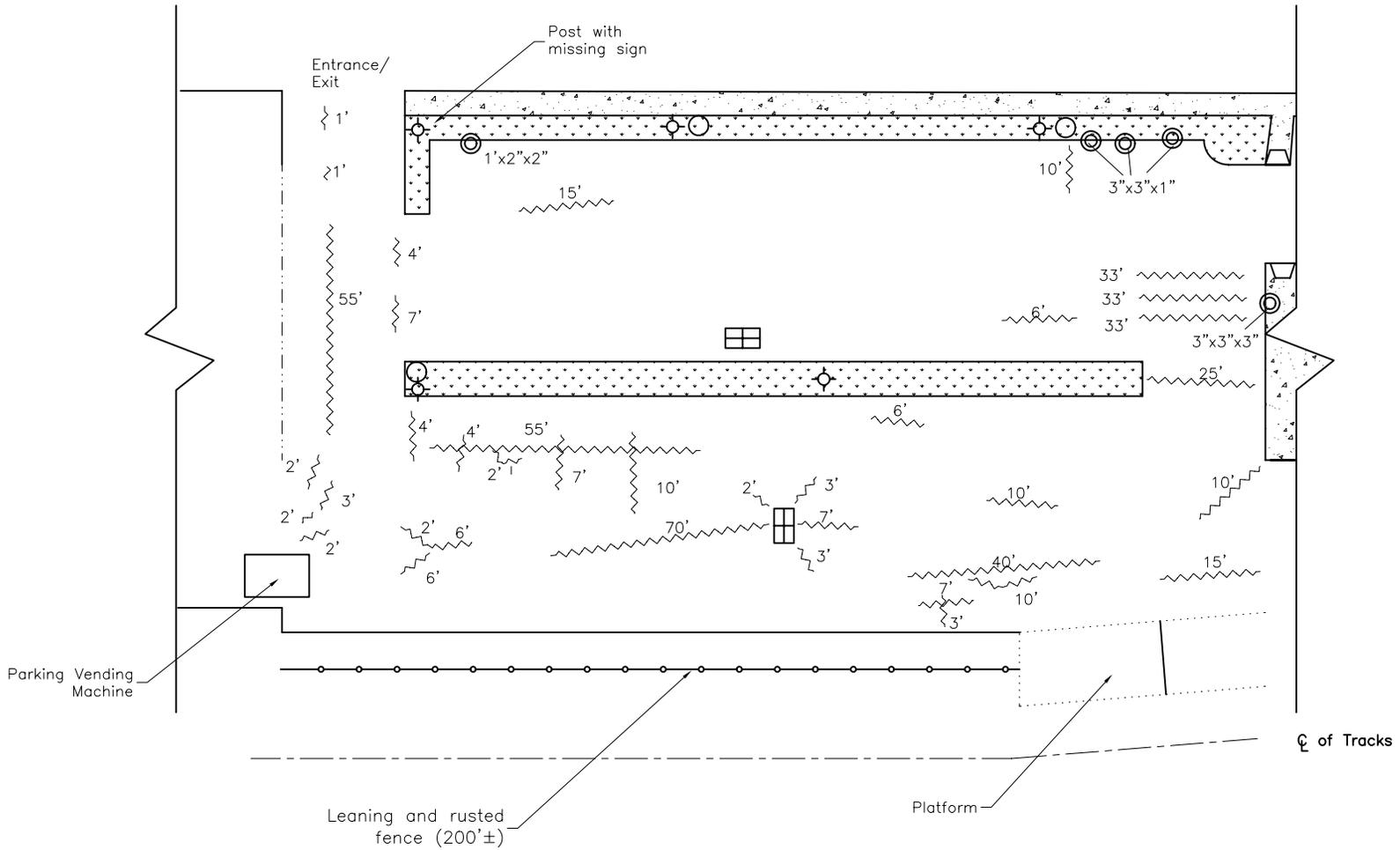
Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Springdale Station Platform Plan
Date: 2-27-02



Legend:

- Fence
- Guard Railing
- Cracks
- Grass
- Sidewalk
- Sanitary Manhole
- Spalled area
- Missing and Broken Curb
- Light

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Springdale Station Quadrant I Plan
Date: 2-27-02



Legend:

- Fence
- Guard Railing
- Pedestrian Railing
- Cracks
- Grass
- Sidewalk
- Sanitary Manhole
- Drain
- Spalled area
- Ramp
- Light

Urbitran Associates, Inc.
Connecticut Dept. of Transportation
Springdale Station Quadrant II Plan
Date: 2-27-02





CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 1

Location: North side of Quad II

Description: General view of Quad I

Reference: Looking north



PHOTO NO. 2

Location: Westside of Quad I

Description: General view of Quad I

Reference: Looking east



STATION: Springdale  
INSPECTORS: SS, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 3

Location: \_\_\_\_\_  
South end of Quad I

Description: \_\_\_\_\_  
General view of Quad II

Reference: \_\_\_\_\_  
Looking south



PHOTO NO. 4

Location: \_\_\_\_\_  
West side of Quad II

Description: \_\_\_\_\_  
General view of Quad II

Reference: \_\_\_\_\_  
Looking east



STATION: Springdale

INSPECTORS: SS, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 5

Location: \_\_\_\_\_  
West side of Quad III

Description: \_\_\_\_\_  
General view of Quad III

Reference: \_\_\_\_\_  
Looking east



PHOTO NO. 6

Location: \_\_\_\_\_  
East side of Quad III

Description: \_\_\_\_\_  
General view of Quad III

Reference: \_\_\_\_\_  
Looking west



STATION: Springdale

INSPECTORS: SS, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 7

Location: \_\_\_\_\_  
South end of Quad III

Description: \_\_\_\_\_  
General view of Quad III

Reference: \_\_\_\_\_  
Looking North



PHOTO NO. 8

Location: \_\_\_\_\_  
South end of the platform

Description: \_\_\_\_\_  
General view of the platform

Reference: \_\_\_\_\_  
Looking north



STATION: Springdale

INSPECTORS: SS, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 9

Location: Between Span VI and VII

Description: The railing base plates are rusted and deteriorated

Reference: Looking east



PHOTO NO. 10

Location: Span IV

Description: Typical bent railing

Reference: Looking southeast



STATION: Springdale

INSPECTORS: SS, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 11

Location: \_\_\_\_\_  
North end of Span V

Description: \_\_\_\_\_  
Crack (40')

Reference: \_\_\_\_\_  
Looking south



PHOTO NO. 12

Location: \_\_\_\_\_  
North of span IX

Description: \_\_\_\_\_  
Spalled concrete footing  
(1 1/2' x6" x4")

Reference: \_\_\_\_\_  
Looking down



STATION: Springdale

INSPECTORS: SS, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 13

Location: \_\_\_\_\_  
East of Span III

Description: \_\_\_\_\_  
Typical base plate  
that is rusted  
and deteriorated

Reference: \_\_\_\_\_  
Looking down and west



PHOTO NO. 14

Location: \_\_\_\_\_  
North of Span V

Description: \_\_\_\_\_  
Broken cinder block  
(1' x 4") on the north  
face of Span V;  
Note similar occurrence  
on the south face of  
Span V

Reference: \_\_\_\_\_  
Looking south



STATION: Springdale

INSPECTORS: SS, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. 15

Location: \_\_\_\_\_  
Middle of Quad II

Description: \_\_\_\_\_  
Typical asphalt crack

Reference: \_\_\_\_\_  
looking south



PHOTO NO. 16

Location: \_\_\_\_\_  
Middle of Quad I

Description: \_\_\_\_\_  
Splitting timber  
guardrail (5')

Reference: \_\_\_\_\_  
Looking north



STATION: Springdale

INSPECTORS: SS, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 22 OF 27

PHOTO NO. 17

Location: \_\_\_\_\_  
Northeast corner of  
Quad I

Description: \_\_\_\_\_  
Spalled concrete curb  
(4' x4"x2")

Reference: \_\_\_\_\_  
Looking northeast



PHOTO NO. 18

Location: \_\_\_\_\_  
Northwest corner of  
Quad I

Description: \_\_\_\_\_  
Cracked concrete curb  
(6"x6"x2")

Reference: \_\_\_\_\_  
Looking north



STATION: Springdale

INSPECTORS: SS, RGW

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
SHEET 23 OF 27

PHOTO NO. 19

Location: \_\_\_\_\_  
Northeast corner of  
Quad II

Description: \_\_\_\_\_  
The pole is missing a  
sign

Reference: \_\_\_\_\_  
Looking east



PHOTO NO. 20

Location: \_\_\_\_\_  
West side of Quad II

Description: \_\_\_\_\_  
Leaning, rusted, and  
damaged fence

Reference: \_\_\_\_\_  
Looking north



STATION: Springdale

INSPECTORS: SS, RGW

STATION: \_\_\_\_\_

INSPECTORS: \_\_\_\_\_

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. \_\_\_\_\_

Location: \_\_\_\_\_  
at platform

Description: \_\_\_\_\_  
underground  
electric service  
connection point

Reference: \_\_\_\_\_  
Platform Service  
Section



PHOTO NO. \_\_\_\_\_

Location: \_\_\_\_\_  
platform

Description: \_\_\_\_\_  
platform lighting  
and speakers

Reference: \_\_\_\_\_  
Platform Lighting  
Section



STATION: Springdale  
INSPECTORS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. \_\_\_\_\_

Location:  
platform

Description:  
platform shelter  
lighting

Reference:  
Platform Lighting  
Section



PHOTO NO. \_\_\_\_\_

Location:  
beneath platform

Description:  
a receptacle  
not properly  
mounted to the  
platform

Reference:  
Platform Electrical  
System Section



STATION: Springdale

INSPECTORS: Jim Connell & Dave Lang

CONN. DEPT OF TRANSPORTATION  
STATION INSPECTION REPORT  
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PHOTO NO. \_\_\_\_\_

Location:  
SPRINGDALE  
STATION

Description:  
Name of  
station

Reference:  
Mechanical



PHOTO NO. \_\_\_\_\_

Location:  
SPRINGDALE  
STATION

Description:  
Shelter on the  
platform w/ aluminum  
gutters and  
downspouts  
Good Condition

Reference:  
Mechanical



STATION: SPRINGDALE  
INSPECTORS: J. Duncan & T. Abrahamson

**Springdale Station**

Description	Units	Quantity	Price / Unit	Total Cost
Filling in cracked asphalt	ft	1500.00	\$2.00	\$3,000.00 *
Replace asphalt curb				
-Removal of curb	yd <sup>3</sup>	5.00	\$80.00	\$400.00 *
-Replacing curb	ft	10.00	\$22.00	\$220.00 *
Replace guardrail	ft	100.00	\$24.00	\$2,400.00 *
Replace fence	ft	360.00	\$48.00	\$17,280.00 *
Repair base plates	EACH	24.00		\$0.00 *
Remove and replace pedestrian railing	ft	360.00	\$100.00	\$36,000.00 *
Re-attach conduit in various locations	LS	-	-	\$400.00 *
Repair/replace platform receptacles	EACH	4.00	\$50.00	\$200.00 *
Miscellaneous (signs, cinder block, and etc.)	LS	-	-	\$1,000.00 *
Mobilization / Demobilization (10%)				\$6,090.00
Sub-total				\$66,990.00
Contingency (20%)				\$13,398.00
Grand Total				\$80,388.00
Say				\$81,000.00

\* The extent of deterioration noted during our inspection is minimal and does not require immediate repair. The type and extent of deterioration will not affect the station operations or commuters. Therefore, we recommend the that defects noted in this report be included in a future station maintenance rehabilitation contract.